

As a below named inventor, I declare that:

My residence, Post Office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **SILICA WITH LOW COMPACTION UNDER HIGH ENERGY IRRADIATION**, the specification of which is attached hereto. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate, on the same subject matter, having a filing date before that of the application on which priority is claimed: None.

I hereby claim the benefit under Title 35 United States Code §119(e) and §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35 United States Code §112, I acknowledge the duty to disclose material information as defined in Title 37 Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. Provisional No. 60/024,995, Filed 8/29/96

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Nicholas F. Borrelli 8/20/97
Signature Date

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Thomas P Seward 8/26/97
Signature Date

Full Name of Inventors: CHARLENE SMITH

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Charlene Smith 8/20/97
Signature Date

10039507 "10039507"

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Nicholas F. Borrelli)
Thomas P. Seward, III :
Charlene Smith)
:) CERTIFICATE COMBINED
Serial No.:) UNDER 37 CFR 3.73(b)
:)
Filed:) AND
:)
For: SILICA WITH LOW COMPACTION) POWER OF ATTORNEY
UNDER HIGH ENERGY IRRADIATION

CERTIFICATE UNDER 37 CFR 3.73(b)

CORNING INCORPORATED, a New York corporation, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventor(s) of the patent application identified above. A true copy of the assignment is attached hereto.

The undersigned has reviewed the above-referenced assignment of the patent application identified above and, to the best of the undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

POWER OF ATTORNEY BY ASSIGNEE

CORNING INCORPORATED, the assignee of the full and exclusive right, title and interest in and to the accompanying application for United States Letters Patent entitled **SILICA**

WITH LOW COMPACTION UNDER HIGH ENERGY IRRADIATION and executed by NICHOLAS F. BORRELLI, on Aug. 20, 1997, THOMAS P. SEWARD, III, on Aug. 26, 1997, and CHARLENE SMITH, on Aug. 20, 1997, (see attached copy of the Assignment), appoints the following attorneys to prosecute that application and to transact all business in the Patent and Trademark Office connected therewith:

Angela N. Nwaneri
Milton M. Peterson

Reg. No. 34,229
Reg. No. 16,391

Direct all telephone calls and correspondence to:

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CORNING INCORPORATED

By: Alfred L. Michael
Alfred L. Michael
Senior Vice President and
General Patent Counsel

DATE: 8-29-97

10039507-102601

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Nicholas F. Borrelli, Thomas P. Seward III,
and Charlene M. Smith
Serial No. : Not Yet Assigned
Filed : Simultaneously Herewith
For : SILICA WITH LOW COMPACTION UNDER HIGH
ENERGY IRRADIATION

Commissioner of Patents and Trademarks
Washington, D.C. 20231

ASSOCIATE POWER OF ATTORNEY

Please recognize as an associate attorney in this case:

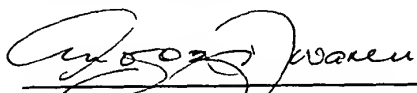
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